1 What is claimed is:

- 1 1. A surface material comprising:
- 2 (a) 10 30% clay
- 3 (b) 30 80% decomposed granite; and
- 4 (c) 10-40% wax.
- 1 2. The surface material of claim 1 wherein the clay is dry clay.
- 1 3. The surface material of claim 2 wherein the dry clay is bentonite.
- 1 4. The surface material of claim 1 wherein the clay is bentonite.
- 5. The material of claim 1 wherein the wax has a drop melt point of about 166° F.
- 1 6. The material of claim 1 wherein the wax has a congealing point of between 150° F and 167° F.
 - 7. The material of claim 1 wherein the wax has a kinematic viscosity between 16 and 23.
 - 8. The material of claim 1 wherein the wax has a kinematic viscosity between 6.7 and 7.8.
 - 9. The material of claim 1 wherein the wax has a kinematic viscosity between 6.7 and 23.
 - 10. The material of claim 1 wherein the wax has a Saybolt viscosity between 81.8 and 111.4.
 - 11. The material of claim 1 wherein the wax has a Saybolt viscosity between 48.1 and 51.8.
 - 12. A surface material made by the method of mixing clay with emulsified wax.
 - 13. The method of claim 12 wherein the wax is emulsified in water.
 - 14. The method of claim 13 wherein the wax is liquid while emulsified.
 - 15. The method of claim \(\) 3 wherein the wax is a microcrystalline based slack wax.
- 1 16. The method of claim 12 wherein the surface material is dried after the clay and
- 2 emulsified wax are mixed.

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17. The method of claim 12 that further comprises the step of placing a layer of the surface 1 2 material on a surface. 18. The method of claim 17 wherein the layer is between 2" and 6" deep. 1 1 19. The method of claim 17 wherein the surface material is dried before placing it on the 2 surface. 20. The method of claim 17 that further includes the step of transporting the surface material 1 2 prior to placing a layer on the surface. 21. The method of claim 20 wherein the mixture is at least partially covered with a moisture-1 2 proof barrier during the step of transporting. 22. The method of claim 12 wherein the surface material further comprises decomposed 1 granite and is made by the method of mixing decomposed granite, clay and emulsified wax. 23. The method of claim 12 wherein neither the clay nor the wax is heated prior to or during the mixing step. 24. The method of claim 21 wherein the moisture-proof barrier is comprised of plastic. 25. The method of claim 12 wherein the emulsified wax is placed onto a surface comprising clay, and the emulsified wax is mixed with the clay of the surface to form a mixture 3 comprising wax and clay 26. The method of claim 12 wherein the surface material further comprises sand and is 1 2 formed by the method of mixing sand, clay and emulsified wax. 1 27. The method of claim 25 wherein the surface is further comprised of sand. 28. The method of claim 25 wherein the mixing is done by tilling the clay and emulsified 1

wax by hand.

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- 29. The method of claim 25 that further includes the step of compressing the mixture 1 comprising wax and dlay. 2 30. The method of claim 29 wherein the mixture is compressed using a roller. 1 31. The method of claim 25 wherein neither the clay nor the emulsified wax is heated prior to 1 2 or during mixing. 1 32. The method of claim 12 wherein the surface material includes gravel. 33. The method of claim 12 wherein the surface material includes organic binder. 1 34. The method of claim 33 wherein the organic binder is dried and ground plantago. 1 35. The method of claim 34 wherein the dried and ground plantago consists of 80% or more 1 2 plantago husk. 36. The method of claim 25 wherein the surface material is part of a pitcher's mound. 37. A surface material having the following properties: (a) a dry density of between 100 and 115 lbs/ft ³; and (b) an unconfined compressive strength of between 10 and 100 psi, wherein there is no brittle failure of the surface material. 38. The surface material of claim 37 that further includes a shear strength of between 5 and 50 psi. 39. The surface material of claim 37 that includes wax. 1
- 1 42. The surface material of claim 40 that further includes silt.

40. The surface material of claim 37 that includes clay.

41. The surface material of claim 40 that includes wax.

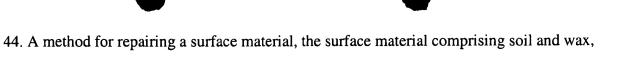
1 43. The surface material of claim 40 that further includes decomposed granite.

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surface material.



1 45. The method of claim 45 wherein the tool is a rake and the working includes raking the

the method comprising the step of working the surface material with a heated tool.

46. The method of claim 45 wherein the tool is a roller and the working includes compacting
the surface material.

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